## **EAST Search History**

| Ref<br>#   | Hits  | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|------------|-------|--|---|---------------------|---------|------------------|
| S1         | 37622 | ((Cu Ag Au Ni Fe Ti Be Al aluminum copper silver gold iron cobalt nickel titanium beryllium) with (powder particle flake nanoparticle nanopowder nanorod nanowhisker nanocrystal nm nanometer ultrafine quantum adj dot colloidal sol micron) and ((particle grain crystal size diameter) near5 (nm nanometer angstrom) quantum adj2 dot) and (core and (shell surface) coated capped encapsulated)  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR                  | ON      | 2007/02/11 16:02 |
| S2         | 2745  | S1 and (coated capped capping adj agent encapsula\$5) with (tolytriazole benzimidazole imidazoline aminopentyl adj benzimidazole thiodiazole \$7benzotriazole\$2 triethanolamine monoethanolamine trisopropylamine (substituted mercapto) near5 (thiadazole triazole) (oleyl amino substituted) near5 (thiodiazole triazole) triazole (titanate silane) adj coupling cerium ceria cerium near5 (complex compound) oleate oleic adj acid surfactant alkyl adj amine alkylamine surface near2 oxide)   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR                  | ON      | 2007/02/11 16:06 |
| <b>S3</b>  | 317   | S2 and (252/67,69-71,73-79,394,387,388,390,500,512,514. ccls. 165/104.11,104.15,104.19,104.16.ccls. 428/323,357,403, 404,405,407.ccls. 430/106.3,110.2,111.3,111.34.ccls. 424/9.3, 9.32,9.322,9.4,9.5.ccls. 977/762,773,775,778,783.ccls. 427/123,125,126.1,127.ccls.)   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR                  | ON      | 2007/02/11 16:07 |
| S4         | 161   | S3 and (phase adj change adj material paraffin wax fatty adj<br>acid glauber adj salt)   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR                  | ON      | 2007/02/11 16:08 |
| S5         | 294   | S3 and (polymer resin solvent)   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR                  | ON      | 2007/02/11 16:08 |
| <b>S</b> 6 | 33    | S3 and ( triethanolamine monoethanolamine trisopropylamine (substituted mercapto) near5 (thiadazole triazole) (oleyl amino substituted) near5 (thiodiazole triazole) \$15thiodiazole)  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR                  | ON      | 2007/02/11 16:09 |
| <b>S</b> 7 | 76    | S2 and ( (substituted mercapto) near5 (thiadazole triazole) (oleyl amino substituted) near5 (thiodiazole triazole) \$15thiodiazole)  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR                  | ON      | 2007/02/11 16:09 |
| S8         | 38    | S3 and ((carbon graphitic) adj ( nanotube fibril) (diamond graphite) near5 (powder particle flake) buckeyball)   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR                  | ON      | 2007/02/11 16:11 |
| S9         | 26    | S3 and (aluminum "Al" ) and ( ceria cerium near5 (nitrate chloride acetate oxide dioxide complex compound )) with (surface near5 (film coating layer treated) encapsulated capped coated core and shell)   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR                  | ON      | 2007/02/11 16:11 |
| S10        | 65    | (Cu Ag Au Ni Fe Ti Be Al copper aluminum silver nickel Fe iron Ti titanium beryllium gold metal alloy) with (powder particle flake nanoparticle nanopowder nm ) and ((particle grain size diameter ) near5 (nm nanometer ultrafine nanorod nanocrystal nanopowder) quantum adj dot) and (surface adj modified complexed chelat\$4 functionalized corrosion adj inhibit\$4 corrosion\$2inhibit\$4 capped coated encapsulated) and (polymer resin monomer polyparaphenylene paraffin phase adj change adj material solvent) and (tolytriazole benzimidazole\$2 imidazoline aminopentyl adj benzimiazole thiodiazole \$7benzotriazole\$2 triethanolamine monoethanolamine trisopropylamine (substituted mercapto) near5 (thiadazole triazole) (oleyl amino substituted) near5 (thiodiazole triazole) triazole (titanate silane) adj coupling cerium ceria cerium near5 (complex compound) surfactant) | FPRS;<br>EPO; JPO;<br>DERWENT                         | OR                  | ON      | 2007/02/11 16:12 |
| S11        | 20    | michael near2 gurin.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/02/11 16:12 |

## **EAST Search History**

| S12 | 35  | ("411286" "9856854" "200069955" "01221481" "3325405" "2512035" "5095769" "5641424" "5863463" "6043199" "6059996" "6103144" "59165691").did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR , | ON | 2007/02/11 16:12 |
|-----|-----|--|---|------|----|------------------|
| 513 | 351 | (Cu Ag Au Ni Fe Ti Be Al copper aluminum silver nickel Fe iron Ti titanium beryllium gold) near5 (nanoparticle nanopowder nanowire nanorod nm nanocluster ultrafine nanocrystal quantum adj dot) and ((particle grain size diameter nanocrystal) near5 (nm nanometer angstrom) quantum adj2 dot) and core and (shell surface) and (coated capped encapsulated) with (triazole dodecanethiol thiol benzotriazole functionalized glycoside alkylamine) | US-PGPUB;<br>USPAT;<br>USOCR                          | OR   | ON | 2007/02/11 16:12 |